

THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Canceled).
2. (Previously presented) The cassette as claimed in claim 18 wherein at least the liquid reservoirs of said cartridges are a unitary structure.
3. (Previously presented) The cassette as claimed in claim 2 wherein said outlet member comprises a single aperture.
- 4-15. (Canceled).
16. (Previously presented) The cassette as claimed in claim 18 wherein said aperture has a width of between 2 and 300 micrometers.
17. (Canceled).
18. (Previously presented) A cassette comprising a plurality of cartridges for dispensing liquid drops in the range of 10-500 nanoliters therefrom, each cartridge comprising a liquid reservoir and an outlet member attached and adjacent to the liquid reservoir, said outlet member comprising an aperture, and wherein the liquid reservoir contains a quantity of liquid and is closed at one end thereof by a frangible sealing means.
19. (Canceled).
20. (Previously presented) The cassette as claimed in claim 18 wherein said frangible sealing means comprises a foil membrane.
21. (Previously presented) The cassette as claimed in claim 18 wherein said liquid reservoir contains a nucleotide or enzyme.

22. (Previously presented) The cassette as claimed in claim 21 wherein said liquid reservoir contains an enzyme selected from a group comprising polymerase, luciferase, adenosine triphosphate (ATP) sulfurylase, and a nucleotide-degrading enzyme such as apyrase.

23. (Previously presented) A liquid dispensing apparatus comprising a cassette as claimed in claim 18 and a pressurised gas source.

24. (Canceled).

25. (Previously Presented) A cassette comprising a plurality of cartridges for dispensing liquid drops in the range 10-500 nanoliters therefrom, each cartridge comprising a liquid reservoir and a protruding nozzle attached and adjacent to the liquid reservoir wherein each liquid reservoir contains a quantity of liquid and is closed at one end thereof by a frangible sealing means.

26. (Previously presented) The cassette as claimed in claim 25 wherein said frangible sealing means comprises a foil membrane.

27. (Previously presented) The cassette as claimed in claim 25 wherein said liquid reservoir contains a nucleotide or enzyme.

28. (Previously presented) The cassette as claimed in claim 27 wherein said liquid reservoir contains an enzyme selected from a group comprising polymerase, luciferase, adenosine triphosphate (ATP) sulfurylase, and a nucleotide-degrading enzyme such as apyrase.

29. (Previously presented) The liquid dispensing apparatus including a cassette or cartridge as claimed in claim 31 and a pressurised gas source.

30. (Previously presented) The cassette as claimed in claim 31 wherein said protruding nozzle is a capillary tube.

31. (Previously presented) A cassette comprising a plurality of cartridges for dispensing liquid drops in the range 10-500 nanoliters therefrom, each cartridge comprising a liquid reservoir and a protruding nozzle attached and adjacent to the liquid reservoir wherein said protruding nozzle further comprises a disc with a central aperture.